| Inde | ex of | Claims | |
|------|-------|--------|--|
| | | | |

| Ap | olicatio | n/Control | No. |
|----|----------|-----------|-----|
| | | | |

10/042,019 Examiner Applicant(s)/Patent under Reexamination

QI, ZHENG

Art Unit

2136

Carl Colin

√ Rejected
= Allowed

- (Through numeral) Cancelled

Non-Elected

A Appeal

Restricted

I Interference

O Objected

| | | | | | | | | | | | | _ |
|---|--------|--|--|---|--|--|--|--|--|--|--|---|
| | | | | | | | | | | | | 1 |
| ١ | Cla | im | | | | [| Date | 2 | | | | l |
| 1 | | | 9 | | | | | | | | | |
| ١ | Final | Original | 0/0 | | | | | | | | | |
| ١ | 证 | Öriğ | 3/3 | | | | | | | | | |
| 1 | | | > 3/30/06 | | | | | | | | | |
| - | | 1 2 3 4 5 6 | 1 | | | | | <u> </u> | | | | |
| 1 | | 2 | Ш | | | | | | | | | |
| ١ | | 3 | \perp | | | _ | _ | _ | | _ | | |
| ı | | 4 | 4 | | | | | | | | | l |
| ١ | | 5 | 1 | _ | | _ | | | | | | Į |
| ı | | 6 | 4 | _ | _ | | | _ | | | | ļ |
| ı | | 7 | \perp | | | | | | | | | l |
| ١ | | 8 | 4 | | | | | | _ | | | ŀ |
| ı | | 9 | \bot | | | _ | _ | _ | | | | ł |
| ŀ | | 10 | Ш | | _ | | | <u> </u> | <u> </u> | | | ł |
| ļ | | 11 | -1 | | | | _ | | <u> </u> | | _ | ł |
| ı | | 12 | 4 | | | | | , | _ | _ | _ | ł |
| ļ | | 13 | | | | | | | \vdash | | _ | l |
| | | 14 | 1 | | | \vdash | | | <u> </u> | | _ | ł |
| 1 | | 15 | \perp | _ | | | _ | _ | _ | _ | | ł |
| | | 16 | Н | : | | | _ | ļ | | _ | _ | l |
| 1 | | 17 | \perp | | _ | | | _ | H | | | l |
| | | 8 9 10 11 12 13 14 15 16 17 18 19 | 4 | | | | | <u> </u> | _ | | | 1 |
| | | 19 | | | - | - | _ | ⊢ | <u> </u> | | | ł |
| | | 20 21 22 | + | | - | _ | <u> </u> | - | | | | ł |
| | | 21 | 1 | _ | - | - | _ | <u> </u> | - | _ | _ | ł |
| | ÿ., | 22 | + | - | | | | - | - | | — | ł |
| | | 23 24 25 | 1 | | \vdash | _ | _ | - | - | _ | - | ł |
| | | 24 | · V | | \vdash | | | | - | - | \vdash | ł |
| | | 25 | H | | _ | | | | ├— | | - | ł |
| | | 26 27 | \vdash | | \vdash | - | | | \vdash | | | ł |
| | | 20 | H | | | - | | | \vdash | | _ | ł |
| | | 28 [.] 29 | H | | | - | _ | - | _ | - | | ł |
| | | 20 | | _ | | \vdash | _ | | _ | - | - | ł |
| | | 30 31 32 33 | | | | \vdash | | - | - | \vdash | - | ł |
| | | 32 | | | | - | | _ | | \vdash | ┝ | l |
| | | 33 | | _ | ┝ | \vdash | _ | - | - | - | ⊢ | l |
| | | 34 | | | \vdash | - | - | - | | \vdash | \vdash | l |
| | | 35 | | - | ┝ | - | - | - | | H | - | l |
| | | 36 | \vdash | | | | \vdash | \vdash | \vdash | - | \vdash | ١ |
| | | 36 37 | - | - | \vdash | | | \vdash | \vdash | _ | | ١ |
| | | 38 | | | \vdash | | - | | | \vdash | \vdash | 1 |
| | | 39 | Ι- | - | | <u> </u> | | ┢ | \vdash | _ | \vdash | 1 |
| | | 40 | \vdash | _ | 一 | | - | | _ | | \vdash | 1 |
| | | 41 | | | \vdash | \vdash | - | - | _ | - | - | 1 |
| ì | | 42 | \vdash | _ | | | | | | | | 1 |
| 1 | | 43 | | _ | | \vdash | Н | \vdash | | | \vdash | 1 |
| | | 44 | \vdash | | Н | | \vdash | _ | | \vdash | \vdash | 1 |
| - | | 45 | | | \vdash | Т | \vdash | | | _ | _ | 1 |
| | | 46 | \vdash | | | \vdash | _ | \vdash | Т | \vdash | Н | 1 |
| 1 | | 47 | _ | | | ┢ | Г | \vdash | Г | <u> </u> | \vdash | 1 |
| 1 | | 48 | | | | | | - | _ | _ | \vdash | 1 |
| | | 49 | \vdash | | _ | \vdash | <u> </u> | | | T | H | 1 |
| | | 50 | Т | - | | Г | | T | _ | \vdash | Г | 1 |
| | ليبسبب | | | | | | | | | | | 3 |

| | im | | | | | Date | } | | | |
|----------|----------------------|--------------|--|--------------|--------------|----------|----------|--|--------------|--------------|
| | _ | | | | | | | | | |
| Final | Original | | | ٠ | | | | | | |
| | 51 | | | | | | | | | |
| | 52 | | 1 | | | | | | | |
| | 52 53 | | | | | | | | | |
| | 54 | | | | | | | | | |
| | 54 55 | | | | | | | | | |
| | 56 | | _ | | _ | | | | | |
| — | 57 | | | | | | | _ | | _ |
| | 56 57 58 | | | | | | | | | _ |
| | 59 | | | _ | | | | - | | \vdash |
| | 60 | | _ | _ | \vdash | _ | | _ | _ | \vdash |
| | 61 | | | | | | | _ | _ | Ė |
| | 62 | | | | \vdash | | · | | | \vdash |
| | 63 | \vdash | - | | Н | | | | | \vdash |
| - | 64 | Н | - | | | | | \vdash | | \vdash |
| | 63 64 65 66 | | _ | - | | | - | \vdash | _ | - |
| | 66 | | | | | | | _ | | |
| | 67 | Н | _ | _ | | | | _ | | _ |
| | 68 | | | _ | | | | | | _ |
| | 69 | | | | | | | | - | _ |
| | 70 | | | | | | | | | |
| | 71 | | | | | | | | | <u> </u> |
| | 71 72 | | _ | | | | | | | |
| | 73 | | | | | | | | | |
| | 74 | | | | | | | | | |
| | 73 74 75 | | | | | | | | | |
| | 76 77 | | | | | | | | | |
| | 77 | | | | | | | | | |
| | 78 | | | | | | | L | | <u> </u> |
| | 79 | $oxed{oxed}$ | | <u> </u> | | | | _ | _ | _ |
| | 80 | | | | | | | L. | | L |
| | 81 | | | | | | | <u> </u> | | |
| | 82 | | | | L | | | | | |
| | 83 | | | <u> </u> | $oxed{oxed}$ | | _ | Ŀ | <u> </u> | <u> </u> |
| | 84 | L. | <u> </u> | _ | <u> </u> | <u> </u> | L | <u> </u> | <u> </u> | |
| | 85 | \vdash | Щ | <u> </u> | <u> </u> | ļ | <u> </u> | - | <u> </u> | <u> </u> |
| ļ | 86 | | | | _ | _ | _ | ┝ | <u> </u> | _ |
| - | 87 | | <u> </u> | <u> </u> | ├ | <u> </u> | \vdash | ├- | \vdash | ├ |
| | 88 89 | \vdash | <u> </u> | <u> </u> | - | ļ | | - | - | ⊢ |
| | 90 | _ | \vdash | \vdash | \vdash | _ | | - | - | |
| \vdash | 91 | - | \vdash | \vdash | \vdash | - | <u> </u> | \vdash | | |
| | 92 | \vdash | Ι | | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash |
| | 93 | | \vdash | \vdash | | | \vdash | | \vdash | \vdash |
| | 94 | | | \vdash | _ | Н | \vdash | | \vdash | H |
| | 95 | | - | \vdash | | | | <u> </u> | \vdash | Г |
| | 96 | | | \vdash | | | | Г | _ | |
| | 97 | П | | | | | Г | Г | Г | |
| | 98 | | | Г | | | | | | Г |
| | 99 | | | | | | | | | |
| | 100 | | | | | | | | | |

| E E 5 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 | Cla | aim | | | | | Date | e | | | |
|---|----------|-----|------------|--------------|--------------|--------------|--------------|--|--------------|--|----------------|
| 101 | | | | | | | | | | | |
| 101 | <u>_</u> | ina | | | | | | | | | |
| 101 | ᇤ | ığı | | | | | | | | | |
| 103 | _ | 0 | | | | | | | | | |
| 103 | | 101 | - | | | | | | | - | - |
| 103 | | 102 | - | - | | | - | - | - | | _ |
| 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 | | 103 | | - | | _ | | - | - | - | |
| 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 | | 104 | | | | _ | | | | | |
| 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 | | 105 | | \vdash | | \vdash | | - | _ | | - |
| 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 | | 106 | - | _ | | - | - | | | _ | |
| 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 | | 107 | _ | - | \vdash | | | - | _ | _ | - |
| 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 | | 108 | | - | | | - | _ | | | \dashv |
| 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 | | 100 | | _ | - | | - | - | | _ | \dashv |
| 135 136 137 138 139 140 141 142 143 144 | | 110 | | | \vdash | - | - | - | | | \dashv |
| 135 136 137 138 139 140 141 142 143 144 | | 111 | | _ | - | _ | | | _ | - | \dashv |
| 135 136 137 138 139 140 141 142 143 144 | | 112 | _ | | | - | - | | | | \dashv |
| 135 136 137 138 139 140 141 142 143 144 | | 112 | | <u> </u> | - | - | H | \vdash | \vdash | \vdash | \dashv |
| 135 136 137 138 139 140 141 142 143 144 | | 113 | _ | - | - | - | \vdash | - | | \vdash | |
| 135 136 137 138 139 140 141 142 143 144 | | 114 | | | | | ├ | | | | |
| 135 136 137 138 139 140 141 142 143 144 | | 110 | - | \vdash | - | | - | | \vdash | \vdash | Н |
| 135 136 137 138 139 140 141 142 143 144 | - | 110 | | \vdash | - | \vdash | | H | H | | $\vdash\dashv$ |
| 135 136 137 138 139 140 141 142 143 144 | | 117 | H | \vdash | H | <u> </u> | <u> </u> | | | \vdash | \vdash |
| 135 136 137 138 139 140 141 142 143 144 | | 110 | \vdash | \vdash | \vdash | ├ | | - | - | \vdash | \vdash |
| 135 136 137 138 139 140 141 142 143 144 | | 119 | - | | | | | | | - | |
| 135 136 137 138 139 140 141 142 143 144 | | 120 | | _ | _ | <u> </u> | | - | _ | \vdash | Н |
| 135 136 137 138 139 140 141 142 143 144 | | 121 | | - | - | | - | - | | - | Н |
| 135 136 137 138 139 140 141 142 143 144 | | 122 | - | <u> </u> | | | | | | \vdash | |
| 135 136 137 138 139 140 141 142 143 144 | | 123 | _ | | \vdash | _ | - | | | - | - |
| 135 136 137 138 139 140 141 142 143 144 | | 124 | | | - | | - | | - | - | |
| 135 136 137 138 139 140 141 142 143 144 | | 125 | - | - | | | | | | | |
| 135 136 137 138 139 140 141 142 143 144 | - | 120 | - | | | | | - | <u> </u> | | - |
| 135 136 137 138 139 140 141 142 143 144 | | 127 | - | ├ | \vdash | ⊢ | - | - | - | - | |
| 135 136 137 138 139 140 141 142 143 144 | | 120 | \vdash | ┝ | | \vdash | | | | | |
| 135 136 137 138 139 140 141 142 143 144 | | 129 | | \vdash | | ├- | <u> </u> | - | | - | |
| 135 136 137 138 139 140 141 142 143 144 | | 130 | \vdash | \vdash | _ | | ├— | \vdash | \vdash | \vdash | H |
| 135 136 137 138 139 140 141 142 143 144 | | 131 | | - | | - | - | | \vdash | - | - |
| 135 136 137 138 139 140 141 142 143 144 | | 132 | \vdash | \vdash | - | - | - | - | | | - |
| 135 136 137 138 139 140 141 142 143 144 | | 133 | <u> </u> | - | ⊢ | ├ | - | \vdash | \vdash | \vdash | H |
| 138 139 140 141 142 143 144 | | 134 | - | | - | - | \vdash | \vdash | \vdash | \vdash | \vdash |
| 138 139 140 141 142 143 144 | | 135 | - | | \vdash | \vdash | \vdash | \vdash | \vdash | - | |
| 138 139 140 141 142 143 144 | | 130 | - | \vdash | ├ | \vdash | \vdash | - | ⊢ | - | ļ |
| 140 | | 137 | H | \vdash | - | - | - | - | ├— | - | \vdash |
| 140 | | 138 | - | | | | - | \vdash | \vdash | \vdash | \vdash |
| 141 142 143 144 144 144 144 144 144 144 144 144 | | 139 | | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | | - |
| 142 | | 140 | - | | \vdash | \vdash | - | - | - | - | - |
| 143 | | 141 | \vdash | \vdash | \vdash | \vdash | ├ | ├- | | ├ | - |
| 144 | | | \vdash | <u> </u> | ├ | <u> </u> | | - | - | \vdash | |
| 144 | | 143 | _ | - | | | \vdash | - | <u> </u> | ├- | \vdash |
| | | 144 | | | | | | <u> </u> | ⊢ | — | _ |
| | | 145 | _ | <u> </u> | <u> </u> | | | <u> </u> | <u> </u> | | _ |
| 146 | | 146 | — | | ! | | \vdash | _ | | <u> </u> | |
| 147 | | | ļ | <u> </u> | <u> </u> | _ | _ | <u> </u> | <u> </u> | \vdash | |
| 148 | | | | _ | <u>_</u> | | - | <u> </u> | <u> </u> | <u> </u> | _ |
| 149 | | 149 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | L_ | — | <u> </u> | <u> </u> | <u> </u> |
| 150 | | 150 | <u></u> | L | Ц. | L_ | <u></u> | <u> </u> | <u></u> | Ļ | |